High speed door
ASSA ABLOY HS9120GAT

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world

Break-away and Automatic Reset system
ASSA ABLOY high speed doors are equipped with a break-away and automatic reset system. The curtain reintroduces itself after a crash to reduce downtime and maintenance.

Completely safe
Features that make our doors completely safe:
- The soft bottom profile has no rigid parts, it gives way should an obstruction be in the line of closing.
- If the door is hit, the fabric curtain absorbs the impact and releases itself from the side guides to limit damage to the door and surrounding area.
- Light curtain for total safety

Windows and vision panels
To increase the admission of daylight and visibility, the door curtain can be equipped with windows or vision panels. Windows have fixed sizes and are located on a pre-defined grid. A vision panel is always located on the full width of the door curtain.
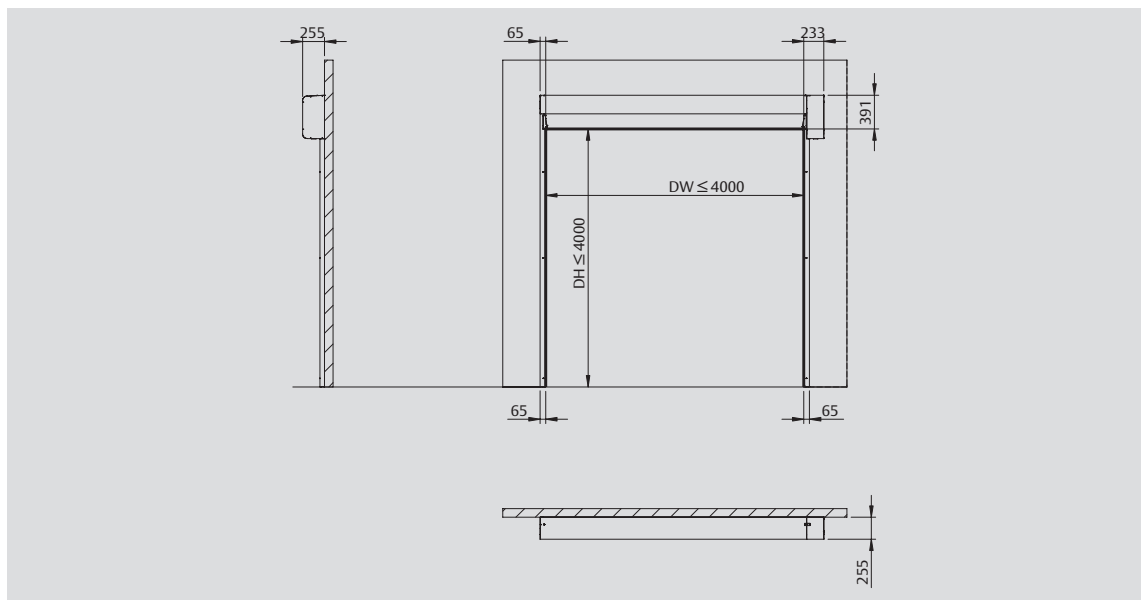
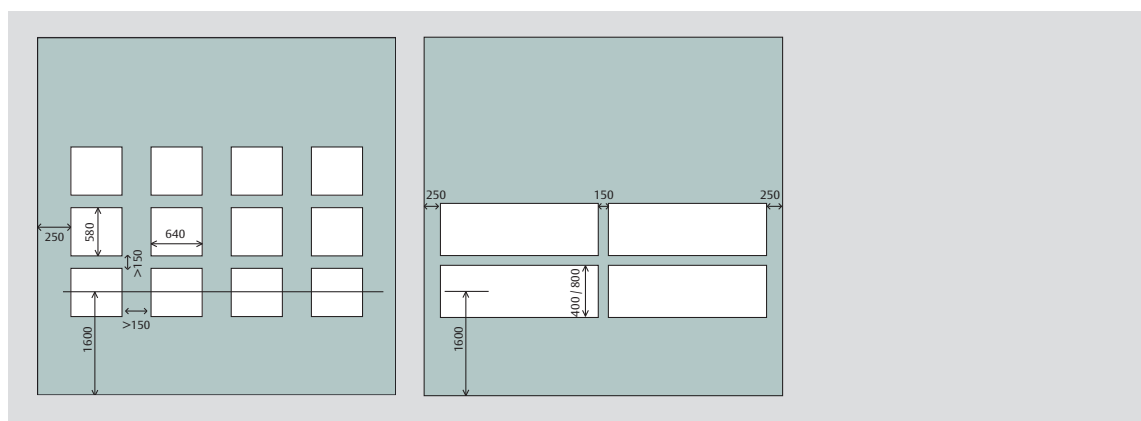## Airtight high speed door made for GMP and lower ISO certified cleanroom environments.

The ASSA ABLOY HS9120GAT is airtight and perfectly suited for cleanroom areas. The main features of the ASSA ABLOY HS9120GAT are:
- Medium-sized, max. 4000 x 4000 mm
- Airtight/Cleanroom environments
- Stainless steel 304 construction, optional galvanised steel construction
- Gravity drive system
- Opening speed up to 1,2 m/s (Option: 2,3 m/s)
- ISO class 8 certification
- GMP class D compliant design

The ASSA ABLOY HS9120GAT offers an excellent sealing thanks to its unique construction. This protects the environment from drafts and contamination from unwanted particles. With it air permeability class 3 it can withstand large and constant pressure differences.

Exceptional reliability and smooth operation is ensured by a frequency controlled motor which provides a fast but soft start and stop.

The reliable and versatile control unit ensures precise door set up and diagnostics and is enclosed in a robust hygienic stainless steel control box. A customer friendly clear display gives a wide range of information like an easy to read cycle counter.

Technical Data

Min size (W x H)	500 x 500 mm
Max size (W x H)[1]	4000 x 4000 mm
Operating speed[2]	opening: up to 2,3 m/s closing: 0,5 m/s
Wind load resistance[3], EN 12424	class 1 (300 N/m²) maximum wind load while closing 50 N/m²
Water penetration, EN 12425	class 2
Air permeability, EN 12426	class 3, overpressure class 1, underpressure
Thermal transmittance, EN 12428	6,02 W/(m²K)
Performance Test	1.000.000 cycles

1) Other sizes available on request 2) Depending on door size
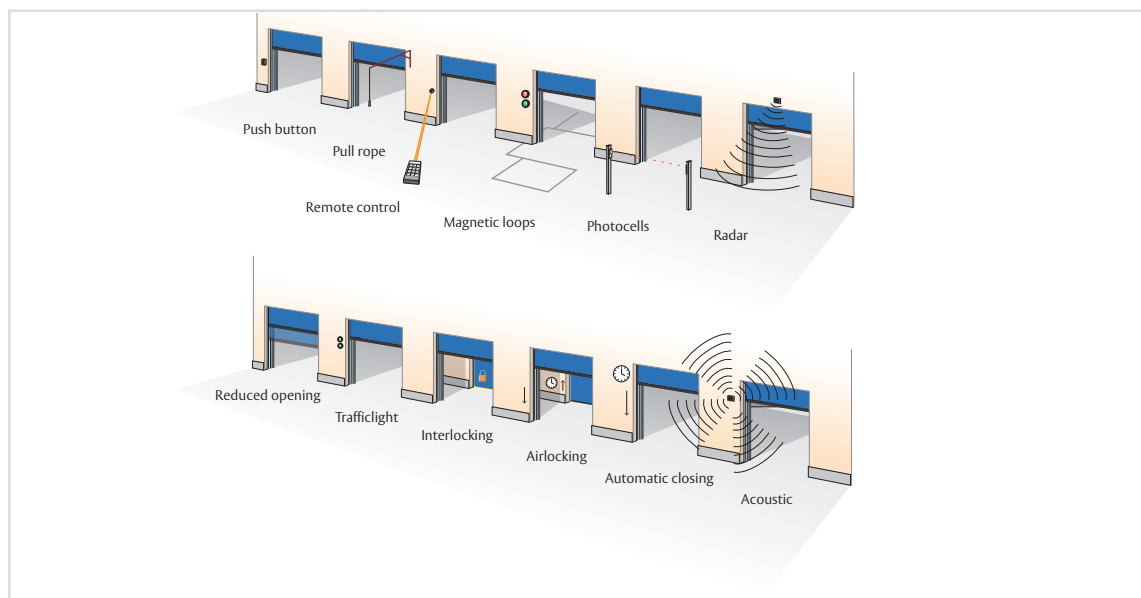Installed on the outside of the cleanroom

Dimensional specifications

255

65 233

391

DW ≤ 4000

DH ≤ 4000

65 65

255

Windows

250 580 640 >150 >150 1600

250 150 250 400 / 800 1600

Options access and automation

Push button
Pull rope
Remote control
Magnetic loops
Photocells
Radar

Reduced opening
Trafficlight
Interlocking
Airlocking
Automatic closing
Acoustic

Standard available colours

Signal yellow RAL 1003	Flame red RAL 3000	Gentian blue RAL 5010
Pure orange RAL 2004	Ultramarine blue RAL 5002	Moss green RAL 6005

Light grey RAL 7035	Traffic grey B RAL 7043	White RAL 9010
Black RAL 9005	Anthracite grey RAL 7016	on request — Other colors

Foam curtain:
Vinyl side white RAL 9003
Foamed side white RAL9010

Grey RAL 7038